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| **Trematodes** |  |  |  |  |  |  |  |
| *Transmitted by* ***Contact*** *causing* ***Tissue*** *Infection* | | | | |  |  |  |
| Organism | Reservoir | Vector bitten by/ingested | Infecting Form | Key Sx | Eggs | Pictures | Treatments |
| Shistosoma japonicum | Snails | Contact with contaminated water | Cercariae penetrates skin | Infect Mesenteric veins; dead eggs cause damage; portal HTN; Liver pipestem fibrosis | Eggs in feces = tiny lateral spine | C:\Users\ccortes\Desktop\sj2.jpg | Immunodiagnosis; Prazyquantal |
| Shistosoma mansoni | Eggs in feces = large lateral spine |  |
| Shistosoma haematobium | Infect bladder veins, eggs cause damage; hematuria; bladder fibrosis; obstructive uropathy | Eggs in urine = large terminal spine |  |
|  |  |  |  |  |  |  |  |
| *Transmitted by* ***Ingestion*** *causing* ***Tissue*** *Infection* | | | | |  |  |  |
| Organism | Reservoir | Vector bitten by/ingested | Infecting Form | Key Sx | Eggs | Pictures | Treatments |
| Paragonimus westermani | Dogs & Cats; snails; crustaceans | Eat lobster, crabs, shrimp | Metacercariae | Migrates to lungs; GI Sx, Pulmonary Sxs; Eosinophilia & increased IgE; sputum = reddish brown (eggs) | Reddish Brown in feces (eggs swallowed from lungs) | http://www.dpd.cdc.gov/dpdx/images/ParasiteImages/M-R/Paragonimiasis/Paragonimus_egg_wtmt.jpg | Immunodiagnosis; Prazyguantal |
| Fasciola heptica | Sheep & Cattle; snails | Raw water vegetables (Watercress) | Encysted metacercariae | Migrate to bile ducts; GI Sx; Hepatomegaly | Elipsoid with cap at one end | C:\Users\ccortes\Desktop\F_hepatica_egg_wtmt_HB1.jpg | Triclabendazole |
|  |  |  |  |  |  |  |  |
| *Transmitted by* ***Contact*** *causing* ***Tissue*** *Infection* ***(Wrong host)*** | | | | |  |  |  |
| Organism | Reservoir | Vector bitten by/ingested | Infecting Form | Key Sx | Eggs | Pictures | Treatments |
| Bird Shistosomes | Birds (Ducks) | Contact | Cercariae | Inflammatory lessions of skin; the cercariae die in skin | N/A | N/A | N/AS |